

ABSTRACT OF THE DISCLOSURE

1
2 An arrangement that may be used in combination with
3 selected tools having a tooth cutting surface for the care and
4 maintenance such as removing a selected portion of the exposed surface
5 of equine teeth. The selected tool in communication with a source of
6 powered motion and mounted in and supported by a hand piece which is
7 guided into the mouth of the horse. The cutting surface of the powered
8 tool is partially guarded so as to protect fleshy portions of the horse's
9 mouth from being engaged by the cutting surface. The hand piece
10 provides for quick on and off attachment of a selected cutting surface for
11 maintenance of a preselected portion of teeth within the same hand
12 piece or another hand piece sized to ease access to the next selected
13 portion of the horse's mouth. The selected hand piece arrangement may
14 further incorporate a vacuum channel whereby the tooth dust and
15 debris created by the powered cutting surface removing a portion of
16 tooth is sucked out of the mouth of the horse. The motion of the tooth
17 surface removal tool may be changed from rotary to powered
18 reciprocating motion for a selected portion of the teeth or changed to be
19 at a preselected angle. Attaching the powered drive to the rotary cutting
20 surface by means of an adjustable clutch further enhances protection
21 from injury to the inside of the mouth of the horse.